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Оню. (78)

Ada. W. S. Beckwith, Fairchild.

ALLIANCE, Trott. ASHLAND. Haun. ATHENS. Borger. Berea. Dustheimer. Bowling Green. Overman. Bluffton. Hirschler. CINCINNATI. Brand, Hancock, Kindle, C. N. Moore, Salkover, E. S. Smith, Yowell. CLEVELAND. Focke, Freas, W. W. Johnson, M. Morris, Palmié Pitcher, Simon, C. F. Thomas, D. T. Wilson. Columbus. C. L. Arnold, Bareis, Bohannan, V. B. Caris, Kuhn, Manson, C. C. Morris, A. F. Preston, J. B. Preston, Rasor, Rickard, Singer, Wildermuth. DAYTON. Hoffmann. Defiance. A. G. Caris, Loomis. Delaware. Armstrong, Austin. Gambier. R. B. Allen. Granville. Lemon, Peckham, Sheets, F. B. HILLIARD. J. H. Weaver. HIRAM. E. H. Clarke. Marietta. Coar, M. C. Horn, P. L. Rea. Monroe. McCov. NEW CONCORD. C. E. White. OBERLIN. Cairns, Carr, Sinclair, Yeaton. OXFORD. W. E. Anderson, Baudin, M. B. Carter, Lange, Pepper, Schoonmaker, Spence-Painesville. A. D. Lewis. PAYNE. Romig. PUT-IN-BAY. Cottingham. Ross. Haldeman. Springfield. Tripp. Tiffin. C. N. Mills. Toledo. Brandeberry. Westerville. Glover. Wilberforce. B. Sanders. Wilmington. Spinks. WOOSTER. Knight, Williamson. Yellow Springs. Nordgaard.

OKLAHOMA. (11)

CHICKASHA. J. J. Miller.
NORMAN. Altshiller-Court, K. C. Barbour,
Hassler, McFarland, Reaves, F. L. Smith.
OKLAHOMA CITY. Cornell.
SHAWNEE. W. T. Short.
STILLWATER. Gundersen.
WEATHERFORD. McCormick.

Oregon. (9)

ALBANY. Moore.
ASTORIA. H. M. Manning.
CORVALLIS. Beaty, C. L. Johnson.
EUGENE. DeCou, Milne.
PORTLAND. Griffin, Merriss, Ruby.

Pennsylvania. (70)

ALLENTOWN. Bauman. Beaver Falls. Colwell. BETHLEHEM. J. B. Reynolds. BRYN MAWR. Pell, C. Scott. CAMP HILL. Foberg. Carlisle. Landis. CHESTER. Church. Collegeville. Clawson. CYNWYD. Sensenig. Dallas. Templin. DEVON. J. A. Clarke. EASTON. W. S. Hall, W. M. Smith. GERMANTOWN. Mullikin. GETTYSBURG. Granville. GLEN MILLS. Gummere. GROVE CITY. Ramsev. HARRISBURG. Whited. HAVERFORD. Reid, A. H. Wilson. LANCASTER. Charles. LANSDOWNE. Chambers, Glenn. LARIMER. A. A. Jones. Lewisburg. Bartol, Everett, Gold, Lowry. LINCOLN UNIVERSITY. W. L. Wright. LOCK HAVEN. High. MEADVILLE. Akers. Myerstown. Kiess. NEW WILMINGTON. McCain. Philadelphia. Burley, Crawley, Eshleman, H. B. Evans, Gehman, Kline, Linton, Partridge, Rittenhouse, Safford. PITTSBURGH. Baird, Barrett, Bishop, Bland, Foraker, R. P. Johnson, J. H. Mathews, Riggs, Rosenbach, Swartzel, Taber, Waltz, Webber. Pottstown. Arms. South Bethlehem. Lambert, MacNutt. STATE COLLEGE. Gravatt, L. S. Johnston, Shibli. SWARTHMORE. Marriott, J. A. Miller. Uniontown. M. Buchanan. Washington. Atchison, Bert, R. W. Thomas. West Philadelphia. Latshaw.

PHILIPPINE ISLANDS. (5)

Manila. V. Mills, Ott, Rafferty, Schick, H. L. Smith.

Porto Rico. (1)

MAYAGUEZ. C. E. Horne.

RHODE ISLAND. (11)

EDEN PARK. C. R. Adams.

PROVIDENCE. Archibald, R. W. Burgess, Burwell, Carlen, Chace, Currier, Gilman, Hicks, H. P. Manning, R. G. D. Richardson.

South Carolina. (7)

CHARLESTON. O. J. Bond. Columbia. Coleman, J. B. Jackson. Greenville. Earle, R. B. Wood. Hartsville. C. M. Reaves. SALUDA. Ramage.

SOUTH DAKOTA. (4)

Brookings. I. L. Miller. RAPID CITY. McLaury. VERMILION. McKinney. YANKTON. Faught.

Tennessee. (8)

Chattanooga. Hooper. CLARKSVILLE. Higgins. KNOXVILLE. J. D. Bond, Brezler. MARYVILLE. Knapp. NASHVILLE. S. I. Jones, Schuerman. SEWANEE. S. M. Barton.

Texas. (52)

ABILENE. Burnam. Arlington. Baten. Austin. Batchelder, H. Y. Benedict, A. A. Bennett, Calhoun, Cleveland, Cooper, Decherd, Ettlinger, Hammer, Holmes, Horton, Jacobs, Michie, R. L. Moore, I. I. Nelson, M. B. Porter, Rockwell, R. L. Wilder. Boerne. Hathaway. Brownsville. de la Garza. CANYON. L. G. Allen. College Station. Cox, P. K. Smith. COMMERCE. Cowling. Dallas. Dice, E. H. Jones, Mahoney. FORT WORTH. Hargett, E. R. Tucker. GALVESTON. Burrell, P. H. Underwood. Georgetown. Wunder. Houston. Daniell, Dean, G. C. Evans, L. R. Ford, Lovett, Michal. PALESTINE. Eason. PORT ARTHUR. G. S. Smith. San Angelo. Hagelstein. San Antonio. B. R. Allen, Roach. San Marcos. J. S. Brown, Sewell. SHERMAN. P. F. Henry.

UTAH. (5)

STEPHENVILLE. J. L. Riley. WACO. W. A. Nelson, P. C. Porter.

WICHITA FALLS. H. Porter.

Logan. Saxer. SALT LAKE CITY. J. L. Gibson, Horsfall, Pehrson, Unseld.

Vermont. (5)

Burlington. Swift, E. Thomas. Essex Junction. Donahue. MIDDLEBURY. Bonney, Perkins.

Virginia. (27)

ABINGDON. V. L. Wright. ASHLAND. T. McN. Simpson. Blacksburg. Brodie, Gudheim, O'Shaughnessy, J. E. Williams. Bridgewater. Shull. Bristol. Holtwick CHARLOTTESVILLE. F. A. Wells. CLIFTON STATION. O. Stone. EMORY. J. S. Miller. Hollins. Dickinson, Plapp. LEXINGTON. L. W. Smith, C. W. Watts. Lynchburg. Larew, Shackelford, E. V. Watts. Monterey. Colaw. RICHMOND COLLEGE. Gaines. Salem. Carpenter. South Hill. Walton. SWEET BRIAR. Morenus. University. W. H. Echols, Luck. Williamsburg. Rowe. WOODBERRY FOREST. W. L. Lord.

Washington. (13)

Aberdeen. V. Young. Everett. Robb. Pullman. Freeman, Isaacs. SEATTLE. E. T. Bell, Moritz, Neikirk, Stager. SPOKANE. Hess. St. John. Hays. TACOMA. Hanawalt. Walla Walla. Bratton, Eells.

West Virginia. (7)

Huntington. Hackney. Morgantown. H. A. Davis, Eiesland, Harkins, Hodgson, C. N. Reynolds, Torrey.

Wisconsin. (33)

Beloit. H. H. Conwell, W. A. Hamilton, Haynes. Madison. F. E. Allen, Chapman, H. T. Davis, Dowling, Dresden, Fowlkes, W. W. Hart, Lane, E. B. Miller, Rechard, Skinner, Slichter, Van Vleck, W. Weaver. MERCER. Kendrigan. MILTON. A. E. Whitford. MILWAUKEE. Atwater, F. A. Bixby, Ericson, P. H. Evans, Frumveller, L. E. McCarty,

C. G. Simpson, Thayer.

PLATTEVILLE. Warner.

RIPON. Woodmansee.
RIVER FALLS. McMillan.
SINSINAWA. Sr. Dobbin.
SOUTH MILWAUKEE. HOAR.
SUPERIOR. C. W. Smith.

Wyoming. (6)

Casper. Counts.

Laramie. Bellamy, Feddersen, Fehn, Fitterer, Stromquist.

FOREIGN MEMBERS. (Other than Canada.)

ARGENTINE. (2)

Buenos Aires. Baidaff, Broggi.

Belgium. (1)

Liege. Van Hee.

CHINA. (8)

CHANGSHA. Leavens. FOOCHOW. Yen. РЕКING. Chang Shen-Fu, Heinz, Hsia, Konantz. SHANGHAI. Ely. TANGSHAN. Patten.

England. (8)

CAMBRIDGE. Ball, Richmond, P. W. Wood. Hove. Chepmell. London. Forsyth, Greenhill. Oxford. Hardy.

France. (5)

Besançon. Lebeuf. Nancy. Gérardin. Paris. Borel, Hadamard. Strasbourg. Fréchet.

Petersfield. Zilliacus.

India. (4)

ALLAHABAD CITY. Mitra.
CALCUTTA. Bose.
DHARWAR. Saldanha.
VEDARANIAM. Ramana-Sastrin.

ITALY. (6)

BOLOGNA. Bortolotti, Enriques, Pincherle. CATANIA. Cipolla. PISA. Bianchi. TURIN. Fubini.

JAPAN. (5)

Pyengyang. Parker. Korea. Andrew. Saitama-Ken. Sekiyama. Tokyo. Mikami, Ono.

NEW ZEALAND. (1)

DUNEDIN. Martyn.

POLAND. (1)

WARSAW. Dickstein.

PORTUGAL. (1)

Lisbon. da Cunha.

SCOTLAND. (1)

EDINBURGH. Horsburgh.

SOUTH AFRICA. (3)

BLOEMFONTEIN. Arndt. JOHANNESBURG. Dalton. RONDEBOSCH. Muir.

SPAIN. (2)

Madrid. de Toledo. Zaragoza. de Galdeano.

SWITZERLAND. (3)

FRIBOURG. Bays. GENEVA. Fehr. NEUCHATEL. DuPasquier.

Syria. (1)

Beirut. Jurdak.

Turkey. (2)

CONSTANTINOPLE. K. S. Arnold, Mourad.

RECAPITULATION OF MEMBERSHIP.

Individual members November 1, 1922		
Total membership November 1, 1922		
CHARTER MEMBERSHIP.		
Individual charter members	$\substack{1,045\\52}$	
Total charter membership		1,097
Net gain in individual members	337 42	
Total net gain over charter membership		

BY-LAWS OF THE MATHEMATICAL ASSOCIATION OF AMERICA (INCORPORATED).

(As amended and adopted by unanimous vote at a special meeting of members called for the purpose at Rochester, N. Y., September 7, 1922, a quorum being present.)

ARTICLE I-NAME, PURPOSE AND CORPORATE SEAL.

1. This organization shall be known as

THE MATHEMATICAL ASSOCIATION OF AMERICA (INCORPORATED).

- 2. Its object shall be to assist in promoting the interests of mathematics in America, especially in the collegiate field, by holding meetings in any part of the United States or Canada for the presentation and discussion of mathematical papers, by the publication of mathematical papers, journals, books, monographs and reports, by conducting investigations for the purpose of improving the teaching of mathematics, by accumulating a mathematical library and by coöperating with other organizations whenever this may be desirable for attaining these or similar objects.
- 3. The Corporate Seal of the Association shall have inscribed thereon the name of the Association and the words "Corporate Seal—Illinois."

ARTICLE II-MEMBERSHIP.

- 1. Any person who is interested in the field of collegiate mathematics shall be eligible for election to membership in the Association.
- 2. Any institution in which the Calculus is regularly taught shall be eligible for election to institutional membership in the Association. Such an institution shall have the privilege of sending a voting delegate to the meetings of the Association.
- 3. Election to membership shall be by vote of the Board upon written application from the individual or institution seeking admission, endorsed in the case of individuals by two members of the Association.
- 4. Those who were admitted to membership in The Mathematical Association of America (unincorporated) prior to October 1, 1920, and were in good standing as such on that date, were thereby admitted to membership in this Association (Incorporated).

ARTICLE III-BOARD OF TRUSTEES AND OFFICERS.

- 1. The Officers of the Association shall be a President, two (2) Vice-Presidents, a Secretary-Treasurer, a Librarian and three (3) members of a Committee on Official Journal.
- 2. The control and management of the affairs and funds of the Association shall be vested in a Board of twenty (20) Trustees (hereinafter called the "Board"), who shall be members of the Association. This Board shall consist of the officers of the Association and twelve (12) additional members.
- 3. The President and Vice-Presidents shall be elected by the Association's members annually for a term of one year, and four members of the Board shall be elected by the Association's members annually for a term of three years. They shall be eligible for reëlection, but not for more than two (2) consecutive terms. The Secretary-Treasurer, the Librarian, and the Committee on Official Journal, consisting of the Editor-in-Chief, the Manager and one other member, shall be appointed by the Board. All Officers and other Trustees shall hold over until their respective successors are elected or appointed and qualify.
- 4. The Board shall transact the official business of the Association and shall report its actions at the annual business meeting of the Association and in the official journal. A statement regarding any proposed action of the Board which makes or alters a question of policy shall be published in the official journal, or notice of such proposed action shall be mailed to each member, before final action has been taken, so that members of the Association may make known to the Board their individual views.
- 5. The Board shall have authority to fill vacancies ad interim in any office, including vacancies in the Board and in the Committee on Official Journal, and to make any other appointments necessary for the transaction of the business of the Association.
- 6. At all meetings of the Board of Trustees a quorum shall consist of not less than five (5) members and no business may be validly transacted at a meeting at which less than a quorum is present; provided that any meeting of the Board, whether or not a quorum be present, may be

adjourned to a specified time and place by a majority of the members present without notice to the members at large other than announcement at such meeting. Informal action based on a mail ballot by the members of the Board, if ratified at a properly convened meeting of the Board, shall be as valid and effective as if originally authorized at such meeting.

- 7. Approximately two months before the date of the annual meeting all members shall be given an opportunity to nominate by mail a candidate for each office to be filled by the members for the ensuing year. Approximately one month before the annual meeting the Board shall announce two candidates for each office to be filled by the members, one being the person who received the highest vote in the nominations and the other being selected from among the several nominees next in order. The election shall be by mail or in person and shall close on the day of the annual meeting.
- 8. The President shall be the Executive Officer of the Association, shall preside at all meetings of the Board of Trustees and at the annual meeting of the Association. He shall have the usual duties pertaining to his office and such other duties as may from time to time be assigned him by the Board of Trustees.
- 9. The Vice-Presidents shall, in the absence of the President, have and exercise the powers of the President, their order being determined alphabetically. The Board of Trustees may assign to the Vice-Presidents such duties as may from time to time be determined.
- 10. The Secretary-Treasurer shall have the usual duties pertaining to the office of Secretary and of Treasurer, including the custody of the records of the Association and of its Corporate Seal, the keeping of minutes of the meetings of the Board of Trustees and of the annual meeting and special meetings of members, and giving of due notice of all regular and special meetings of the Association and of the Board of Trustees and the supervision and safe-keeping of the funds of the Association. The Secretary-Treasurer shall also have the duty of seeing that whenever Trustees are elected, including the election of Trustees to fill vacancies, a Certificate, under the Seal of the Association, giving the names of those elected and the term of their office, shall be recorded in the Office of the Recorder of Deeds for Cook County, Illinois. Such Certificate shall be signed by the Secretary-Treasurer and verified by oath of the President.
- 11. The Committee on Official Journal shall have supervision of the official journal subject to the control of the Board of Trustees.
- 12. The Librarian shall have general charge of the library of the Association and shall direct its affairs, including the exchange of the publications of the Association, subject to the control of the Board.

ARTICLE IV—MEETINGS.

- 1. A meeting of the Association shall be held annually, at such time and place as the Board may direct. Special meetings of the Association may be called from time to time by the Board, or while the Board is not in session by the President of the Association, to be held at such time and place as may appear from the call.
- 2. The outgoing Board shall hold a meeting immediately preceding the annual meeting of the Association next succeeding their election, and the members of the new Board shall hold a meeting and organize, by completing the Board, immediately succeeding the annual meeting of the Association at which the new members thereof were elected. Further meetings of the Board may be held from time to time at the call of the President or of any three (3) members of the Board.
- 3. Notice of any meeting of members of the Association shall be given by the Secretary-Treasurer at least thirty (30) days prior to the date set for such meeting. Notice of all meetings of the Board other than the regular meetings provided in Section 2 shall be given to each member of the Board at least fifteen (15) days prior to the date set therefor.
- 4. Any member of the Association or of the Board may waive notice with the same effect as if due notice had been given him.
- 5. At all meetings of the Association a quorum shall consist of not less than twenty-five (25) members and no business may be validly transacted at a meeting at which less than a quorum is present; provided that any meeting of the Association, whether or not a quorum be present, may be adjourned to a specified time and place by a majority of the members present without notice to the members at large other than the announcement at such meeting.
 - 6. Members may take part and vote in person or by proxy at all meetings of the Association.

ARTICLE V—SECTIONS.

1. Any group of not less than ten (10) members of this Association may petition the Board for authority to organize a Section of the Association for the purpose of holding local meetings.

The Board shall have power to specify the conditions under which such authority shall be granted.

2. The Association shall not be obligated to pay from its treasury any of the expenses of such Sections.

ARTICLE VI—OFFICIAL PUBLICATIONS.

- 1. The Association shall publish an official journal, which shall be sent free to all members of the Association in accordance with Article VII.
- 2. The Board shall have full control of the publication and sale of the official journal and of all other official publications.
- 3. The official journal shall be under the general management of the Committee on Official Journal. There shall also be appointed by the Board a body of Associate Editors who shall give assistance in connection with the official journal and under the direction of the Committee on Official Journal.
- 4. The Board shall from time to time, as the need arises, make special provision for the management of any other official publications.
- 5. The Board shall fix the price of the official journal and of any other official publications of the Association, but in no case shall the journal be sold to non-members for less than the annual dues of individual members.

ARTICLE VII—DUES.

- 1. Individual members of the Association shall pay an initiation fee of Two Dollars (\$2) at the time of election.
- 2. The annual dues of each individual member shall be Four Dollars (\$4), including a subscription to the official journal.
- 3. The annual dues of each institutional member shall be Seven Dollars (\$7), including two (2) subscriptions to the official journal.
- 4. All dues shall be payable on the first of January of each year. Should the annual dues of any member remain unpaid beyond a reasonable time, his name shall be dropped from the list, after due notice.
- 5. New members entering the Association after April 1 of any year shall have their dues pro rated for the balance of the year, except when they desire to receive the full current volume of the official journal.
- 6. The life membership fee shall be the present value, according to McClintock's Male Annuitant Table based upon four (4) per cent. interest, of an immediate annuity of Four Dollars (\$4) a year at the attained age of the member; an annual valuation of the life membership fund shall be made under the McClintock Male Four (4) Per Cent. Table; and the reserve thus computed shall be held as a liability.

ARTICLE VIII—AMENDMENTS TO THE ARTICLES OF ASSOCIATION AND BY-LAWS.

- 1. Changes in the Articles of Association or amendments to the By-Laws may be made at any annual meeting of the Association, or at any adjourned session thereof, or at any special meeting of the Association called for such purpose, by a two-thirds (%) vote of those present and entitled to vote; provided that due notice concerning such amendment shall have been printed in the official journal, or mailed to each member, at least one (1) month before the date of such meeting.
- 2. No changes in the Articles of Association shall have legal effect until a certificate thereof, verified by oath of the President and under Seal of the Association, attested by the Secretary-Treasurer, shall be filed in the office of the Secretary of State of the State of Illinois and recorded in the office of the Recorder of Deeds for Cook County, Illinois.

AMENDMENT TO THE ARTICLES OF ASSOCIATION.

(This amendment was adopted by unanimous vote at a special meeting of members called for the purpose at Rochester, N. Y., September 7, 1922, a quorum being present.)

Section 3 of the Articles of Association of The Mathematical Association of America (Incorporated) as amended on September 10, 1920, shall be further amended to read as follows: "The management of the aforesaid Association shall be vested in a Board of twenty (20) Trustees."

PERIODS OF SERVICE OF THE OFFICERS OF THE ASSOCIATION.

PRESIDENTS.

E. R. HEDRICK			
Florian Cajori			
E. V. Huntington	1918		
H. E. Slaught			
D. E. Smith	1920		
G. A. MILLER			
R. C. Archibald	$\dots \dots 1922$		
VICE-PRESIDENTS.			
E. V. Huntington			
G. A. Miller			
D. N. LEHMER1917, 1918			
Oswald Veblen			
J. W. Young			
R. G. D. RICHARDSON			
H. L. RIETZ			
HELEN A. MERRILL			
E. J. WILCZYNSKI			
R. C. Archibald			
R. D. CARMICHAEL	•		
B. F. FINKEL	1922		
SECRETARY-TREASURER.			
(Appointed by the Council or Board after 1918.)			
W. D. Cairns1916-			
COMMITTEE ON PUBLICATIONS.			
(Appointed by the Co	uncil or Board.)		
H. E. Slaught1916-			
R. D. Carmichael			
W. H. Bussey			
R. C. Archibald1919–1921			
W. A. Hurwitz			
A. A. Bennett			
H. P. Manning1922-			
ELECTED MEMBERS OF THE			
D. N. LEHMER	HELEN A. MERRILL		
1922-	D. E. SMITH1917–1919,		
R. E. Moritz	1921-		
K. D. SWARTZEL	ELIZABETH B. COWLEY1918–1920		
Oswald Veblen	G. A. MILLER		
R. C. Archibald	E. J. Wilczynski		
M. B. Porter	1922-		
J. W. Young	L. P. EISENHART1919-		
1920–	E. V. Huntington		
B. F. Finkel	E. L. Dodd1920		
E. H. Moore	R. D. CARMICHAEL1920		
J. N. Van der Vries1916–1918	A. A. Bennett		
ALEXANDER ZIWET1916–1918	Н. L. Rietz1921-		
E. R. Hedrick	C. F. Gummer1921-		